

Converting Colors

HunterLab(18.6181, -10.1643,
7.7603)

Have a look what the booklet for
HunterLab(18.6181, -10.1643,
7.7603) contains.

HunterLab(18.7586, -10.2828, 7.9066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.7586,
-10.2828, 7.9066)**

Conversions

Conversions Part 1

Format	Color
Hex	203B1C
RGB	32, 59, 28
RGB Percent	13%, 23%, 11%
CMY	0.8745, 0.7686, 0.8902
CMYK	0.46, 0.00, 0.53, 0.77
HSL	112°, 36%, 17%
HSV	112°, 53%, 23%
XYZ	2.3692, 3.5189, 1.6529
YIQ	47.3930, -6.1410, -15.3650

Conversions

Conversions Part 2

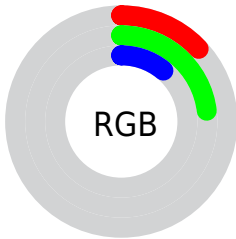
Format	Color
R_{YB}	28, 59, 55
Decimal	2112284
CIE Lab	22.01, -17.79, 16.02
CIE LCh	22, 23.937, 138.000
Yxy	3.5190, 0.3142, 0.4666
Android (android.graphics.Color)	4280302364 (0xFF203B1C)
YUV	47.3930, -9.5607, -13.4997
Hunter-Lab	18.7586, -10.2828, 7.9066

Details

The HunterLab color **18.7586, -10.2828, 7.9066** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13.9950, 10.9712, -8.7143**, and the grayscale version is **17.0229, -0.9083, 0.9249**.

A 20% lighter version of the original color is **35.5007, -14.0111, 11.3908**, and **5.3651, -4.6006, 3.2254** is the 20% darker color. If you saturate the color by 10%, you get **18.4865, -11.5129, 8.7390**, and if you desaturate by 10%, it is **19.0759, -8.8731, 6.9186**.

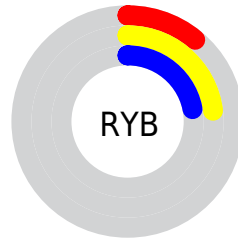
Distribution



Red (13%)

Green (23%)

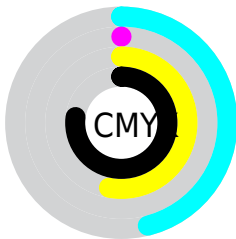
Blue (11%)



Red (11%)

Yellow (23%)

Blue (22%)

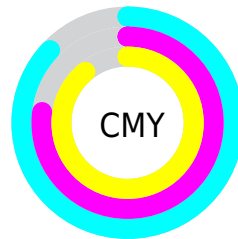


Cyan (46%)

Magenta (0%)

Yellow (53%)

Black (77%)



Cyan (87%)

Magenta (77%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7586, -10.2828, 7.9066 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 18.7586, -10.2828, 7.9066 by changing the saturation by 10% instead.

■ 18.7586, -10.2828,
7.9066

■ 18.7586, -10.2828,
7.9066

■ 115.9294,
-24.6077, 21.4500

■ 11.8673, -8.2866,
6.6672

■ 35.3671, -13.8053,
11.2310

■ 4.7206, -8.2611,
3.3044

■ 44.8952, -15.4391,
12.7717

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.1522, -17.0239,
14.2670

0.0000, NaN, NaN

■ 66.0895, -18.5748,
15.7317


0.0000, NaN, NaN


■ 77.6672, -20.1022,
17.1760


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 89.8517, -21.6134,


 102.6142,
-23.1138, 20.0305


 18.7586, -10.2828,
7.9066


 18.7586, -10.2828,
7.9066


 18.4865, -11.5129,
8.7390


 19.0759, -8.8731,
6.9186


 18.2579, -12.5561,
9.4131


 19.4372, -7.2921,
5.7799


 18.0721, -13.4103,
9.9308

 19.8426, -5.5518,
4.4983

 17.9219, -14.1116,
10.3783

 20.2912, -3.6658,
3.0833

 17.8247, -14.5765,
10.7283

 20.7821, -1.6481,
1.5454

■ 21.3138, 0.4868,
-0.1040

■ 21.8849, 2.7247,
-1.8536

■ 22.4938, 5.0520,
-3.6925

■ 23.1387, 7.4561,
-5.6099

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



18.7590, -5.1206, 9.7648



18.7586, -10.2828, 7.9066



18.7590, -12.7890, 3.5757

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.7590, -10.2831, 7.9067



18.7590, -3.8149, -17.1468



18.7590, 14.1926, 4.6761

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.7586, -10.2828, 7.9066



13.9950, 10.9712, -8.7143

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.7590, 14.6845, -1.9525



18.7586, -10.2828, 7.9066



18.7590, 3.5059, -16.4895

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.7590, -10.2831, 7.9067



18.7590, -9.4528, -11.7582



18.7590, 10.5301, -10.2042



18.7590, 9.2737, 8.4476

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.7586, -10.2828, 7.9066



18.7590, -12.9129, -0.9210



18.7590, 10.5301, -10.2042



18.7590, 14.9057, 2.7755

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.7590, -10.2831, 7.9067



26.0074, -5.7888, 4.7778



19.3224, -2.6521, 8.4887



13.4421, -3.0550, 2.5170



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.7590, -10.2831, 7.9067



23.8168, -15.3778, 11.6238



18.7720, -9.8846, 5.2304



11.3438, -1.5852, 1.3699



28.5433, -23.7609, 17.1723



72.4007, -61.1759, 43.5420

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13.9950, 10.9712, -8.7143



16.3904, 18.0447, -14.6490



14.0385, 10.3352, -2.8122



10.8849, 0.4324, -0.1967



16.1749, 32.7351, -28.5796



40.7841, 82.7553, -73.7318

Previews

White Background



This preview shows how the HunterLab color 18.7586, -10.2828, 7.9066 looks on a white background.

Color Contrast Check

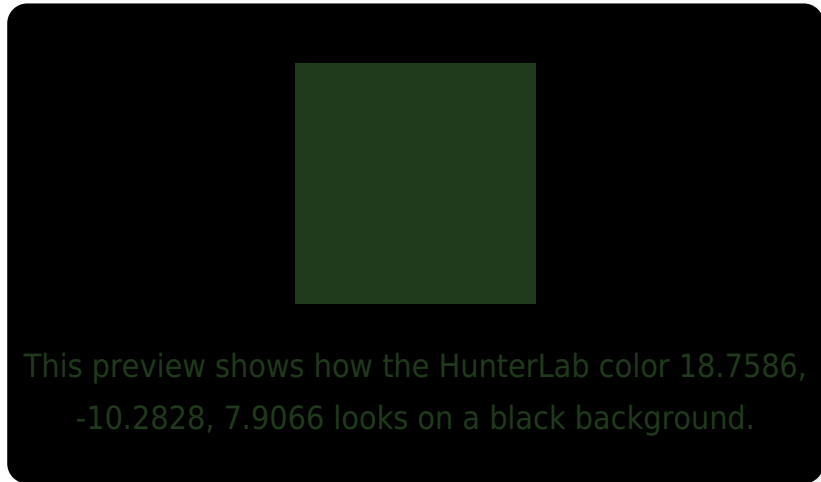
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

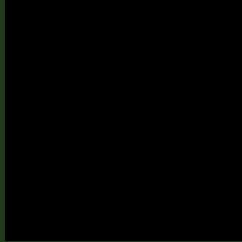
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 18.7586, -10.2828, 7.9066 Background



This preview shows how black text looks on a background with the HunterLab color 18.7586, -10.2828, 7.9066.



This preview shows how white text looks on a background with the HunterLab color 18.7586,

-10.2828, 7.9066.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.7586, -10.2828, 7.9066

Protanopia

18.7625, -2.3482, 8.4320

Deuteranopia

18.6143, 0.8852, 7.5732



Tritanopia

18.8856, -4.4197, -1.8611

Trichromacy



Original Color

18.7586, -10.2828, 7.9066

Protanomaly

18.6131, -5.4270, 8.0713

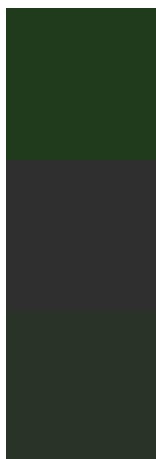
Deuteranomaly

18.3439, -3.7751, 7.4803

Tritanomaly

18.7476, -6.8707, 2.5885

Monochromacy



Original Color

18.7586, -10.2828, 7.9066

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.3583, -4.4459, 3.7614

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7586, -10.2828, 7.9066 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(32, 59, 28)` looks like.

```
.text, #text, p{  
    color:rgb(32, 59, 28)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(32, 59, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 59, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7586, -10.2828, 7.9066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(32, 59, 28) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(32, 59, 28) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(32, 59, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 59, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 59, 28);  
box-shadow:4px 4px 4px 4px rgb(32, 59, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.7586, -10.2828, 7.9066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 59, 28) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(32, 59,  
28) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor